104538154 Rec'd PCT/PTO 08 JUN 2005

INTERNATIONAL SEARCH REPORT

PCT/IB 03/05928

| A CLASSI | FICATION OF SUBJECT MATTER | | |
|------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------|
| IPC 7 | | | |
| | | | |
| According to | International Patent Classification (IPC) or to both national classifica | dion and IPC | |
| | SEARCHED | | |
| Minimum do | currentation searched (classification system followed by classification A61B | on symbols) | |
| 1,0, | 7,025 | | |
| Documentat | ion searched other than minimum documentation to the extent that su | uch documents are included in the fields se | arched |
| | | | |
| Electronic d | ata base consulted during the international search (name of data bas | se and where practical search terms used | |
| | • | o and, imelo practical, casa on termo acca, | |
| ELO-111 | ternal, WPI Data, INSPEC | | |
| | | • | |
| | | | |
| - | ENTS CONSIDERED TO BE RELEVANT | | Delivered to alaba No. |
| Category * | Citation of document, with indication, where appropriate, of the rele | evant passages | Relevant to dalm No. |
| x | EP 1 079 242 A (MATSUSHITA ELECTR | TC TND CO | 1-12 |
| | LTD) 28 February 2001 (2001-02-28 | | |
| | paragraphs | | |
| | '0011!,'0016!,'0032!,'0034!,'0039 '0043!-'0053! | 1!, "0040!, | |
| | figures | | |
| | HC 0001 (001001 41 (00)WEFOUR 0011 | F) | 1 10 |
| A | US 2001/031921 A1 (BONNEFOUS ODIL 18 October 2001 (2001-10-18) | ·E) | 1-12 |
| | paragraphs '0021!,'0037!,'0038! | İ | |
| | figures | | |
| Α | US 5 800 356 A (LOUPAS THANASIS | FT ALL | 1-12 |
| ^ | 1 September 1998 (1998-09-01) | E1 //E) | 1 12 |
| | column 2, line 35-49 | | |
| | column 3, line 5-36,50-60 | | |
| | | ./ | |
| | | | |
| | | | |
| X Furt | her documents are listed in the continuation of box C. | X Patent family members are listed | in annex. |
| ° Special ca | tegories of cited documents: | 'T' later document published after the inte | rnational filing date |
| | ent defining the general state of the art which is not | or priority date and not in conflict with cited to understand the principle or the | the application but |
| "E" earlier | lered to be of particular relevance document but published on or after the international | invention 'X' document of particular relevance; the c | laimed invention |
| *L' docume | nate ant which may throw doubts on priority claim(s) or | cannot be considered novel or cannot involve an inventive step when the do | be considered to |
| which citatio | is cited to establish the publication date of another n or other special reason (as specified) | "Y" document of particular relevance; the c cannot be considered to involve an inv | entive step when the |
| | ent referring to an oral disclosure, use, exhibition or means | document is combined with one or mo ments, such combination being obviou | re other such docu- |
| "P" documa later ti | ent published prior to the international filing date but han the priority date claimed | In the art. *8* document member of the same patent | family |
| | actual completion of the international search | Date of mailing of the international sea | |
| | C. Fahmuanu 2004 | 00 (00 (0004 | |
| 2 | 6 February 2004 | 08/03/2004 | |
| Name and | nailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 | Authorized officer | |
| | NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, | 162774 11 | |
| | Fax: (+31-70) 340-3016 | Willig, H | |

INTERNATIONAL SEARCH REPORT

Internation Application No PCT/TB 03/05928

| Citation of document, with indication, where appropriate, of the relevant passages US 6 464 641 B1 (MO LARRY Y L ET AL) 15 October 2002 (2002-10-15) abstract OLSEN C F: "Doppler ultrasound: a technique for obtaining arterial wall motion" IEEE TRANSACTIONS ON SONICS AND ULTRASONICS, vol. SU-24, no. 6, | Relevant to claim No. | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|--|
| US 6 464 641 B1 (MO LARRY Y L ET AL) 15 October 2002 (2002-10-15) abstract OLSEN C F: "Doppler ultrasound: a technique for obtaining arterial wall motion" IEEE TRANSACTIONS ON SONICS AND ULTRASONICS. | | |
| 15 October 2002 (2002-10-15) abstract OLSEN C F: "Doppler ultrasound: a technique for obtaining arterial wall motion" IEEE TRANSACTIONS ON SONICS AND ULTRASONICS. | 1 | |
| technique for obtaining arterial wall motion" IEEE TRANSACTIONS ON SONICS AND ULTRASONICS. | | |
| vol. SU-24, no. 6, November 1977 (1977-11), pages 354-358, XP009026628 | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

INTERNATIONAL SEARCH REPORT

Internation No PCT/IB 03/05928

| Patent document cited in search report | | Publication date | | Patent family member(s) | Publication date |
|-------------------------------------------|----|---------------------|----------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| EP 1079242 | Α | 28-02-2001 | JP CA EP US | 2001061840 A 2313913 A1 1079242 A2 6258031 B1 | 13-03-2001 24-02-2001 28-02-2001 10-07-2001 |
| US 2001031921 | A1 | 18-10-2001 | WO EP JP | 0147421 A1 1158904 A1 2003518404 T | 05-07-2001 05-12-2001 10-06-2003 |
| US 5800356 | A | 01-09-1998 | AT AU CA DE DE EP JP NO | 223177 T 6979198 A 2239330 A1 69807575 D1 69807575 T2 0880937 A2 11042227 A 982447 A | 15-09-2002 03-12-1998 29-11-1998 10-10-2002 07-08-2003 02-12-1998 16-02-1999 30-11-1998 |
| US 6464641 | B1 | 15-10-2002 | US EP JP WO EP JP | 6068598 A 1176910 A1 2003523250 T 0162155 A1 1005834 A1 2000287977 A | 30-05-2000 06-02-2002 05-08-2003 30-08-2001 07-06-2000 17-10-2000 |